EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	23	((bird or avian) near6 colli$5) same ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:52
L3	12	(((bird or avian) near6 colli$5) same blade) and ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:53
L4	15	(((bird or avian) near6 blade) same colli$5) and ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:12
L5	194	((bird or avian) same blade same (impact$4 or colli$5)) and ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:10
L6	150	L5 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:08
L7	5	L6 and probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:16
L8	8	L6 and model$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:09
L9	11	"703".clas. and (impact$4 or colli$5) same ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:16
L10	0	"703".clas. and (((bird or avian) near6 blade) same colli$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:16

EAST Search History

L11	0	"700".clas. and (((bird or avian) near6 blade) same colli$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:16
L12	0	"702".clas. and (((bird or avian) near6 blade) same colli$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:16
L13	56	"700".clas. and (impact$4 or colli$5) same ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:17
L14	10	L13 and probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:17
L15	63	"702".clas. and (impact$4 or colli$5) same ((wind adj park) or turbine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:17
L16	11	L15 and probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:17

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Lowercase **"or"** was ignored. Try **"OR"** to search for either of two terms. [details]
The **"AND"** operator is unnecessary -- we include all search terms by default. [details]

Scholar **All articles - Recent articles** Results **1 - 10** of about **212** for **bird or avian collision and wind park or turbine** .

All Results
W Erickson
G Johnson
M Strickland
D Young
R Good

Avian collision risk at an offshore **wind** farm - all 8 versions »
M Desholm, J Kahlert - Biology Letters, 2005 - journals.royalsoc.ac.uk
... Tucker, VA 1996 A mathematical model of **bird** collisions with **wind turbine** rotors. ...
298 M. Desholm & J. Kahlert **Avian collision** risk at offshore **wind** farm ...
Cited by 14 - Related Articles - Web Search - BL Direct

... **Wind** Turbines: A Summary of Existing Studies and Comparisons to Other Sources of **Avian Collision** ... - all 2 versions »
WP Erickson, GD Johnson, MD Strickland, DP Young ... - 2001 - osti.gov
... estimated at approximately 6,400 **bird** fatalities per ... reported at a **wind** generation facility ... estimates, windplant-related **avian collision** fatalities probably ...
Cited by 64 - Related Articles - View as HTML - Web Search - Library Search

Behavioural and environmental correlates of soaring-**bird** mortality at on-shore **wind** turbines - all 4 versions »
L Barrios, A Rodriguez - Journal of Applied Ecology, 2004 - Blackwell Synergy
... v) the time elapsed since the **collision**, estimated by ... detectability and disappearance of **bird** carcasses. **Avian** mortality rates may be underestimated if not all ...
Cited by 36 - Related Articles - Web Search - BL Direct

... : The effect of avoidance rates on **bird** mortality predictions made by **wind turbine collision** risk ... - all 4 versions »
DE Chamberlain, MR Rehfisch, AD Fox, M Desholm, SJ ... - Ibis, 2006 - Blackwell Synergy
... at Ben Aketil Edinbane, a Quantitative **Collision** Risk Model ... In Proceedings of the **Avian** Interactions Workshop ... A mathematical model of **bird** collisions with **wind** ...
Cited by 7 - Related Articles - Web Search - BL Direct

Bird Behaviour in and Near a **Wind** Farm at Tarifa, Spain: Management Considerations - all 2 versions »
G Janss - ... of the National **Avian-Wind** Power Planning Meeting III, 2000 - nationalwind.org
... 112 National **Avian – Wind** Power Planning Meeting III ... Differences in susceptibility to **collision** can be obtained by ... We estimated 0.03 **birds/turbine**/ year. ...
Cited by 9 - Related Articles - View as HTML - Web Search

Assessing the impacts of **wind** farms on birds - all 3 versions »
AL Drewitt, RHW Langston - Ibis, 2006 - Blackwell Synergy
... needed on all aspects of **avian** response to ... related maintenance activities and **collision** avoidance rates ... an important factor influencing **bird** distribution and ...
Cited by 11 - Related Articles - Web Search - BL Direct

The effects of a **wind** farm on birds in a migration point: the Strait of Gibraltar - all 4 versions »
M de Lucas, GFE Janss, M Ferrer - Biodiversity and Conservation, 2004 - Springer
... **Avian** electrocution on power poles: European experiences ... **Birds** and Power Lines: **Collision**, Electrocution and ... Rate of **bird collision** with power lines: effects of ...
Cited by 15 - Related Articles - Web Search - BL Direct

Remote techniques for counting and estimating the number of **bird-wind turbine** collisions at sea: a ... - all 3 versions »
M DESHOLM, AD FOX, PDL BEASLEY, J KAHLERT - Ibis, 2006 - Blackwell Synergy
... turbines as a means of measuring **collision** rate ... acoustic monitoring by sensitive microphones of **avian** night flight ... of producing a list of **bird** species migrating ...
Cited by 5 - Related Articles - Web Search - BL Direct

... environmental impact assessment of the effects of European marine offshore **wind** farms on birds - all 2 versions »
AD FOX, M DESHOLM, J KAHLERT, TK CHRISTENSEN, IK ... - Ibis, 2006 - Blackwell Synergy
... sampling is poor at defining **avian** migration intensity ... However, assessments of **bird** movements at local ... assessment of, for example, **collision** risk probabilities. ...
Cited by 6 - Related Articles - Web Search - BL Direct

Bird migration studies and potential **collision** risk with offshore **wind** turbines - all 2 versions »
O HÜPPOP, J DIERSCHKE, KM EXO, E FREDRICH, R HILL - Ibis, 2006 - Blackwell Synergy
... per year a large number of **avian** interactions at ... of migration could be helpful in reducing **collision** extent ... to develop a model to 'forecast' **bird** migration over ...
Cited by 5 - Related Articles - Web Search - BL Direct

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bird or avian collision and wind park Search

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All Results
W Erickson
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R Good

Bat activity, composition, and **collision** mortality at a large **wind** plant in Minnesota - all 4 versions »
GD Johnson, MK Perlik, WP Erickson, MD Strickland - Wildlife Society Bulletin - bioone.org
... has been associated with the deaths of **birds** and bats ... during studies conducted to assess **avian** mortality ... bat activity at turbines and **collision** mortality levels ...
Cited by 6 - Related Articles - Web Search

How much do small-scale changes in flight direction increase overall migration distance? - all 5 versions »
M Desholm - Journal of **Avian** Biology, 2003 - Blackwell Synergy
... Felix Liechti. (2006) **Birds**: blowin' by the **wind**?. ... Mark Desholm, Johnny Kahlert. (2005) **Avian collision** risk at an offshore **wind** farm. ...
Cited by 4 - Related Articles - Web Search - BL Direct

[BOOK] **Avian** Hearing and the Avoidance of **Wind** Turbines - all 8 versions »
... (US, Md University of Maryland (College **Park** - 2002 - dlnet.vt.edu
... blades should experience fewer **avian** collisions than ... **Birds** (and most other vertebrates) use their ... solutions to the **wind turbine collision** problem differently ...
Cited by 6 - Related Articles - View as HTML - Web Search - Library Search

BEHAVIOR OF RED-TAILED HAWKS IN A **WIND TURBINE** DEVELOPMENT - all 5 versions »
SL HOOVER, ML MORRISON - Journal of Wildlife Management - bioone.org
... **Collision** mortality of local and migrant **birds** at a ... **Bird** mortality associated with **wind** turbines at the ... An **avian** risk behavior and mortality assessment at the ...
Cited by 3 - Related Articles - Web Search - BL Direct

Birds and **wind** farms in Ireland: a review of potential issues and impact assessment - all 3 versions »
SM Percival - Consultant Report, Durham, UK, 2003 - sei.ie
... able to avoid collisions and do not simply blindly fly into **wind** turbines. **Collision** rates typically in range of only 1 in 1,000-10,000 **bird** flights through ...
Cited by 2 - Related Articles - View as HTML - Web Search

The European perspective: some lessons from case studies - all 3 versions »
S Lowther - ... of the National **Avian-Wind** Power Planning Meeting III, San ..., 1998 - nationalwind.org
... [Impact of a 90m/2MW **wind turbine** on **birds/Avian** responses to ... Effects of the Sep **wind** farm at Oosterbierum (Fr.) on **birds**, 1-4: **collision** victims, nocturnal ...
Cited by 3 - Related Articles - View as HTML - Web Search

[BOOK] **Avian** Monitoring and Risk Assessment at the Tehachapi Pass **Wind** Resource Area. - all 3 versions »
R Anderson, National Renewable Energy Laboratory (... - 2004 - nrel.gov
... provide valuable information regarding **avian** use and ... **bird** utilization, fatality rates and **collision** risk indices among factors such as **bird** taxonomic groups ...
Cited by 3 - Related Articles - View as HTML - Web Search - Library Search

Minimization of Motion Smear: Reducing **Avian Collision** with **Wind** Turbines; Period of Performance: ... - all 2 versions »
W Hodos - 2003 - osti.gov
... may have reduced effectiveness in deterring **avian** collisions ... is the absence of data on the **bird**'s angle of approach to the blades at the moment of **collision**. ...
Cited by 1 - Related Articles - View as HTML - Web Search

Birds and offshore **wind** farms: a hot topic in marine ecology - all 3 versions »
KM Exo, O Hüppop, S Garthe - Wader Study Group Bull, 2003 - ifv.terramare.de
... 2 Institute of **Avian** Research "Vogelwarte Helgoland", ... of flight adjustments to avoid **collision** is the ... **Bird** species that are considered to be especially ...
Cited by 8 - Related Articles - View as HTML - Web Search - BL Direct

Wind Turbine Environmental Assessment - all 4 versions »
PBYDC Limited - Draft screening document prepared for TREC and Toronto Hydro ..., 2000 - windshare.ca
... noise - soils - terrestrial vegetation - terrestrial wildlife (including **birds**) $
Socio-Economic ... **Wind Turbine** Environmental Assessment Screening Document (Draft ...
Cited by 1 - Related Articles - View as HTML - Web Search

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bird or avian collision and wind park Search

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Terms used: **bird** or **avian** **collision** and **wind** **park** or **turbine** Found **920** of **209,709**

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1 Illustrative risks to the public in the use of computer systems and related technology
Peter G. Neumann
January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1
Publisher: ACM Press
Full text available: pdf(2.54 MB) Additional Information: full citation

2 Illustrative risks to the public in the use of computer systems and related technology
Peter G. Neumann
January 1994 **ACM SIGSOFT Software Engineering Notes**, Volume 19 Issue 1
Publisher: ACM Press
Full text available: pdf(2.24 MB) Additional Information: full citation, citings, index terms

3 Illustrative risks to the public in the use of computer systems and related technology
Peter G. Neumann
January 1992 **ACM SIGSOFT Software Engineering Notes**, Volume 17 Issue 1
Publisher: ACM Press
Full text available: pdf(1.65 MB) Additional Information: full citation, citings, index terms

4 Crowd and group animation
Daniel Thalmann, Christophe Hery, Seth Lippman, Hiromi Ono, Stephen Regelous, Douglas Sutton
August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**
Publisher: ACM Press
Full text available: pdf(20.19 MB) Additional Information: full citation, abstract

A continuous challenge for special effects in movies is the production of realistic virtual crowds, in terms of rendering and behavior. This course will present state-of-the-art techniques and methods. The course will explain in details the different approaches to create virtual crowds: particle systems with flocking techniques using attraction and repulsion forces, copy and pasting techniques, agent-based methods. The architecture of software tools will be presented including the MASSIVE softwa ...

5 Level set and PDE methods for computer graphics
David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker
August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

Publisher: ACM Press
Full text available: pdf(17.07 MB) Additional Information: full citation, abstract, citings

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set (iso-surface) of a sampled, evolving nD function. The course begins with preparatory material that introduces the concept of using partial differential equations to solve problems in computer graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations, e.g. the level set eq ...

6 Exploiting perception in high-fidelity virtual environments: Exploiting perception in high-fidelity virtual environments
Additional presentations from the 24th course are available on the citation page
Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez
July 2006 **ACM SIGGRAPH 2006 Courses SIGGRAPH '06**
Publisher: ACM Press
Full text available: pdf(5.07 MB) mov(68:6 MIN) Additional Information: full citation, appendices and supplements, abstract, references, cited by, index terms

The objective of this course is to provide an introduction to the issues that must be considered when building high-fidelity 3D engaging shared virtual environments. The principles of human perception guide important development of algorithms and techniques in collaboration, graphical, auditory, and haptic rendering. We aim to show how human perception is exploited to achieve realism in high fidelity environments within the constraints of available finite computational resources.In this course w ...

Keywords: collaborative environments, haptics, high-fidelity rendering, human-computer interaction, multi-user, networked applications, perception, virtual reality

7 Mindstorms: children, computers, and powerful ideas
Seymour Papert
January 1980 Book
Publisher: Basic Books, Inc.
Full text available: pdf(12.45 MB) Additional Information: full citation, abstract, cited by, index terms

The Gears of My Childhood

Before I was two years old I had developed an intense involvement with automobiles. The names of car parts made up a very substantial portion of my vocabulary: I was particularly proud of knowing about the parts of the transmission system, the gearbox, and most especially the differential. It was, of course, many years later before I understood how gears work; but once I did, playing with gears became a favorite pastime. I loved rotating circular object ...

8 ACM SIGOIS worldwide membership directory
April 1995 **ACM SIGOIS Bulletin**, Volume 15 Issue SI
Publisher: ACM Press
Additional Information: full citation, index terms

9 Artificial intelligence
Elaine Rich
January 1983 Book
Publisher: McGraw-Hill, Inc.
Additional Information: full citation, abstract, references, cited by, review

The goal of this book is to provide programmers and computer scientists with a readable

introduction to the problems and techniques of artificial intelligence (A.I.). The book can be used either as a text for a course on A.I. or as a self-study guide for computer professionals who want to learn what A.I. is all about.

The book was designed as the text for a one-semester, introductory graduate course in A.I. In such a course, it should be possible to cover all of the material in the boo ...

10 The Lord of the Rings: the visual effects that brought middle earth to the screen

Matt Aitken, Greg Butler, Dan Lemmon, Eric Saindon, Dana Peters, Guy Williams
August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

Publisher: ACM Press

Full text available: pdf(825.72 KB) Additional Information: full citation, abstract

Weta Digital's work on the "Lord of the Rings" trilogy involved it in all aspects of feature film visual effects, from creature and digital double animation to massive battle scenes, from the creation of entirely digital environments to the ground-breaking digital performance of Gollum.

11 Risks to the public in computers and related systems

Peter G. Neumann
July 1991 **ACM SIGSOFT Software Engineering Notes**, Volume 16 Issue 3

Publisher: ACM Press

Full text available: pdf(2.79 MB) Additional Information: full citation, index terms

12 Anatomy of LISP

John Allen
January 1978 Book

Publisher: McGraw-Hill, Inc.

Additional Information: full citation, abstract, references, cited by, index terms

This text is nominally about LISP and data structures. However, in the process it covers much broader areas of computer science. The author has long felt that the beginning student of computer science has been getting' a distorted and disjointed picture of the field. In some ways this confusion is natural; the field has been growing at such a rapid rate that few are prepared to be judged experts in all areas of the discipline. The current alternative seems to be to give a few introductory cou ...

13 Selected writings on computing: a personal perspective

Edsger W. Dijkstra
January 1982 Book

Publisher: Springer-Verlag New York, Inc.

Additional Information: full citation, abstract, references, cited by, index terms

Since the summer of 1973, when I became a Burroughs Research Fellow, my life has been very different from what it had been before. The daily routine changed: instead of going to the University each day, where I used to spend most of my time in the company of others, I now went there only one day a week and was most of the time that is, when not travelling!-- alone in my study. In my solitude, mail and the written word in general became more and more important. The circumstance that my employe ...

14 Sensor network applications: The design and evaluation of a hybrid sensor network for Cane-Toad monitoring

Wen Hu, Van Nghia Tran, Nirupama Bulusu, Chun Tung Chou, Sanjay Jha, Andrew Taylor
April 2005 **Proceedings of the 4th international symposium on Information processing in sensor networks IPSN '05**

Publisher: IEEE Press

Full text available: pdf(283.06 KB) Additional Information: full citation, abstract, references, citings

This paper investigates a wireless, acoustic sensor network application --- monitoring amphibian populations in the monsoonal woodlands of northern Australia. Our goal is to use automatic recognition of animal vocalizations to census the populations of native frogs and the invasive introduced species, the Cane Toad (see Fig. 1). This is a challenging application because it requires high frequency acoustic sampling, complex signal processing and wide area sensing coverage.We set up two prototypes ...

15 Sensing and localization: The design and implementation of a self-calibrating distributed acoustic sensing platform

Lewis Girod, Martin Lukac, Vlad Trifa, Deborah Estrin

October 2006 **Proceedings of the 4th international conference on Embedded networked sensor systems SenSys '06**

Publisher: ACM Press

Full text available: pdf(4.71 MB) Additional Information: full citation, abstract, references, cited by, index terms

We present the design, implementation, and evaluation of the Acoustic Embedded Networked Sensing Box (ENSBox), a platform for prototyping rapid-deployable distributed acoustic sensing systems, particularly distributed source localization. Each ENSBox integrates an ARM processor running Linux and supports key facilities required for source localization: a sensor array, wireless network services, time synchronization, and precise self-calibration of array position and orientation. The ENSBox's int ...

Keywords: distributed acoustic sensing, self-localization

16 A trip report on SIGSOFT '91

Lauren Wiener

April 1992 **ACM SIGSOFT Software Engineering Notes**, Volume 17 Issue 2

Publisher: ACM Press

Full text available: pdf(1.59 MB) Additional Information: full citation, index terms

17 On audience activities during presentations

Evan Golub

February 2005 **Journal of Computing Sciences in Colleges**, Volume 20 Issue 3

Publisher: Consortium for Computing Sciences in Colleges

Full text available: pdf(189.52 KB) Additional Information: full citation, abstract, references, citings, index terms

Audiences have most likely always been subject to distraction and drift during all varieties of presentation. While these activities were often confined to solitary activities since inter-person distractions were limited by their visibility to the speaker (ever been caught passing notes in class?), in the current networked-enabled presentation room, multi-person off-task "distractions" are now possible (ever read your e-mail during a conference talk?). This paper explores the potential for posit ...

18 Risks to the public

P. G. Neumann

October 1987 **ACM SIGSOFT Software Engineering Notes**, Volume 12 Issue 4

Publisher: ACM Press

Full text available: pdf(1.60 MB) Additional Information: full citation, index terms

19 Risks to the public in computers and related systems

July 1997 **ACM SIGSOFT Software Engineering Notes**, Volume 22 Issue 4

Publisher: ACM Press

Full text available:

pdf(946.41 KB) Additional Information: full citation, index terms

20 Annotated bibliography of the proceedings of the annual simulation symposium (1968-1991)

Ross A. Gagliano, Martin D. Fraser

April 1992 **Proceedings of the 25th annual symposium on Simulation ANSS '92**

Publisher: IEEE Computer Society Press

Full text available: pdf(1.45 MB) Additional Information: full citation, references, index terms

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PALM INTRANET

Day : Tuesday
Date: 8/28/2007
Time: 10:14:52

Inventor Name Search Result

Your Search was:

Last Name = PODOLSKY
First Name = RICHARD

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10718271	Not Issued	71	11/20/2003	Method of and article of manufacture for determining probability of avian collision	PODOLSKY, RICHARD
60501443	Not Issued	159	09/09/2003	Method of and system for determining risk of avion collision	PODOLSKY, RICHARD
06784258	4693606	150	10/03/1985	APPARATUS AND METHOD FOR MEASURING MUSCLE SARCOMERE LENGTH IN VIVO	PODOLSKY, RICHARD J.

Inventor Search Completed: No Records to Display.

Search Another: Inventor Last Name: PODOLSKY First Name: RICHARD Search

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